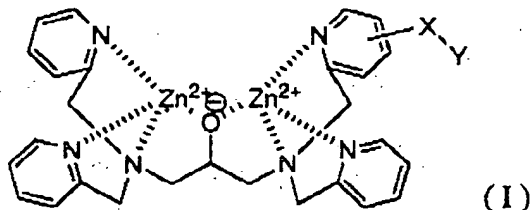


ABSTRACT

Provided are a method for easily detecting phosphorylated peptides, namely, proteins, in samples derived from living organisms or the like, a method for selectively adsorbing the phosphorylated peptides, and compounds that are highly coordinated to the phosphorylated peptides and usable in the methods. The complex compound is represented by the formula:



wherein X is a linker moiety, and Y is a labeling group. The compound (I) is highly coordinated to a phosphorylated peptide, and has a labeling group. Accordingly, with use of the compound (I), the phosphorylated peptide can be easily identified.